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Sub	ostitute for form 1449/PTO			Complete if Known		
				Application Number	10/589,377-Conf. #7109	
11	VEORMATION	1 DI	SCLOSURE	Filing Date	August 14, 2006	
l s	TATEMENT B	3Y /	APPLICANT	First Named Inventor	Daniel J. Arriola	
				Art Unit	1796	
l	(Use as many sh	eets a	s necessary)	Examiner Name	J. S. Lenihan	
Sheet	1	of	8	Attorney Docket Number	63558D	

			U.S. PA	TENT DOCUMENTS		
Examiner Cite		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Initials*	No.1	Number-Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
	AA*	US-5,391,629	02-21-1995	Turner et al.		
	AB*	US-6,566,446	05-20-2003	Parikh et al.		
	AC*	US-3,873,642-A	03-25-1975	Jezi		
	AD*	US-5,468,810-A	11-21-1995	Hayakawa et al.		
	AE*	US-5,594,080-A	01-14-1997	Waymouth et al.		
	ĀF*	US-5,610,253-A	03-11-1997	Hatke et al.		
	AG*	US-5,733,980-A	03-31-1998	Cozewith et al.		
	AH*	US-5,798,420-A	08-25-1998	Cozewith et al.		
	AI*	US-5,969,070-A	10-19-1999	Waymouth et al.		
	AJ*	US-6,114,457-A	09-05-2000	Markel et al.		
	AK*	US-6,147,180-A	11-14-2000	Markel et al.		
	AL*	US-6,262,203-B1	07-17-2001	Chien et al.		
	AM*	US-6,566,544-B1	05-20-2003	Waymouth et al.		
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	AQ*	US-6,187,424	02-13-2001	Kjellqvist et al.		
	AR*	US-6,197,404	03-06-2001	Varona		
	AS*	US-6,362,252	03-26-2002	Prutkin	i	

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Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear				
Examiner Initials*	No.1	Country Code ³ -Number ⁴ -Kind Code ⁶ (# known)	Date MM-DD-YYYY	Applicant of Cited Document		Le			
	BA	WO-95/27746-A1	10-19-1995	Exxon Chemical Patents Inc		1			
	BB	WO-95/27745-A1	10-19-1995	Exxon Chemical Patents Inc					
	BC	WO-9834970-A1	08-13-1998	Exxon Chemical Patents Inc		П			
	BD	WO-9935171-A1	07-15-1999	Univ Leland Stanford Junior et al.		Г			
	BE	WO-0037514-A1	06-29-2000	Exxon Chemical Patents Inc		П			
	BF	WO-02/066540-A2	08-29-2002	Basell Poliolefine Spa et al.					

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not *EXAMINEL: Initial of reference considered, whether or not citation is in conformance with MPEP 699. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. "CITE NO.3 Those application(s) which are marked with an single saterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filled after June 30, 2003 or is available in the IFW. "Applicant's unique citation designation number (optional). "See Kinds Codes of USPTO Palent Documents at www.uspoy or MPEP 901.04. "Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). "For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the senial number of the patent document. "Sind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible." Applicant is to place a check mark here if English language Translation is attached.

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Dated: October 21, 2009

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INFO	ORMATION	1 DI	SCLOSURE	Filing Date	August 14, 2006	
STA	TEMENT B	3Y /	APPLICANT	First Named Inventor	Daniel J. Arriola	
				Art Unit	1796	
	(Use as many sh	eets as	s necessary)	Examiner Name	J. S. Lenihan	
Sheet	2	of	8	Attorney Docket Number	63558D	

	U.S. PATENT DOCUMENTS								
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Initials*	No.1	Number-Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document	Figures Appear				
	AT*	US-6,537,472	03-25-2003	Masubuchi					
	AŪ*	US-6,815,023	11-09-2004	Tatarka et al.					
	AV*	US-7,005,395	02-28-2006	Zafiroglu et al.					
	AW*	US-20030195128	10-16-2003	Deckman et al.					
	AX*	US-20030216518	11-20-2003	Tau et al.					
	AY*	US-20040082750	04-29-2004	Tau et al.					
	AZ*	US-20040192147	09-30-2004	Smith et al.					
	AA1*	US-20050009993	01-13-2005	Morioka et al.					
	AB1*	US-20060030667	02-09-2006	Yalvac et al.					
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Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,					
Initials*	No.1	Country Code ⁵ -Number ⁴ -Kind Code ⁵ (* known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages Or Relevant Figures Appear	T ⁶				
	BG	WO-03014046-A1	02-20-2003	Bp Chem Int Ltd et al.						
	вн	EP-0274906-A2	07-20-1988	Mitsubishi Petrochemical Co						
	ВІ	EP-0958313B1-A1	11-24-1999	Exxon Chemical Patents Inc						
	BJ	EP-1262498-A2	12-04-2002	Mitsui Chemicals Inc						
	вк	JP-2002-206007A-A	07-26-2002	Nat Inst Of Adv Ind & Technol et al.						
	BL	JP-2004-204058A-A	07-22-2004	Mitsui Chemicals Inc						

Examiner	Date	
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INF	FORMATION	1 DI	SCLOSURE	Filing Date	August 14, 2006	
ST	ATEMENT B	3Y /	APPLICANT	First Named Inventor	Daniel J. Arriola	
				Art Unit	1796	
	(Use as many sh	eets a	s necessary)	Examiner Name	J. S. Lenihan	
Sheet	3	of	8	Attorney Docket Number	63558D	

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II III III		<u> </u>			Figures Appear				
	AM1*	US-4,780,228	10-25-1988	Gardiner et al.					
	AN1*	US-5,068,047	11-26-1991	Chung et al.					
	AO1*	US-5,266,626	11-30-1993	Hert et al.					
	AP1*	US-5,322,728	06-21-1994	Davey et al.					
	AQ1*	US-5,597,881	01-28-1997	Winter et al.					
	AR1*	US-5,783,531	07-21-1998	Andrew et al.					
	AS1*	US-5,916,953	06-29-1999	Jacoby et al.					
	AT1*	US-6,025,448	02-15-2000	Swindoll et al.					
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	AV1*	US-6,121,402	09-19-2000	Machida et al.					
	AW1*	US-6,136,937	10-24-2000	Lai et al.					
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	AY1*	US-6,008,262	12-28-1999	McKay et al.					
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	AA2*	US-5,868,984	02-09-1999	Winter et al.					
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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code*-Number*-Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶			
	вм	EP-1026184-A1	08-09-2000	Grand Polymer Co Ltd		Г			
	BN	WO-05/090426-A1	09-29-2005	Dow Global Technologies Inc et al.					
	ВО	EP-02079322-A1	07-22-2009	Symrise Gmbh & Co Kg					
	BP	EP-0877050-A2	11-11-1998	Dow Chemical Co	1	Г			
	BQ	JP-2004204058-A	07-22-2004	Mitsui Chemicals Inc		Г			
	BR	WO-2004046214-A2	06-03-2004	Exxonmobil Chem Patents Inc					

Examiner	Date	
Signature	Considered	

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				Application Number	10/589,377-Conf. #7109	
INF	ORMATION	1 DI	SCLOSURE	Filing Date	August 14, 2006	
STA	TEMENT B	3Y /	APPLICANT	First Named Inventor	Daniel J. Arriola	
				Art Unit	1796	
	(Use as many sh	eets as	s necessary)	Examiner Name	J. S. Lenihan	
Sheet	4	of	8	Attorney Docket Number	63558D	

			U.S. PA	TENT DOCUMENTS	
Examiner Cite		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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	AH2*	US-20020107341	08-08-2002	Murray et al.	
	Al2*	US-20020161141	10-31-2002	Mawson et al.	
	AJ2*	US-20040044154	03-04-2004	Kuo et al.	
	AK2*	US-20030153689	08-14-2003	Mehta et al.	
	AL2*	US-20030114623	06-19-2003	Mitani et al.	
	AM2*	US-6,169,151	01-02-2001	Waymouth et al.	
	AN2*	US-5,210,338	05-11-1993	Samsel	
	AO2*	US-5,276,220	01-04-1994	Samsel et al.	
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	AQ2*	US-3,970,719	07-20-1976	Edmonds, Jr.	
	AR2*	US-4,039,632	08-02-1977	Edmonds, Jr.	
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	AT2*	US-5,089,573	02-18-1992	Job	
	AU2*	US-5,118,767	06-02-1992	Job	
	AV2*	US-5,118,768	06-02-1992	Job et al.	
	AW2*	US-5,134,209	07-28-1992	Job et al.	
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Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,				
	No.1	Country Code ⁸ -Number ⁴ -Kind Code ⁵ (# known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages Or Relevant Figures Appear	T ⁶			
	BS	WO-9849211-A1	11-05-1998	Dow Chemical Co et al.		Г			
	вт	WO-03022890-A1	03-20-2003	Exxonmobil Chem Patents Inc. et al.					
	BU	EP-1197500-A1	04-17-2002	Mitsui Chemicals Inc		Г			
	BV	WO-9834970-A1	08-13-1998	Exxon Chemical Patents Inc		Г			
	BW	EP-470171-A1	02-12-1992	Shell Oil Co		Г			
	вх	EP-500530-A1	09-02-1992	Shell Oil Co		Г			

Examiner	Date	
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l IN	IFORMATION	N DI	SCLOSURE	Filing Date	August 14, 2006	
l s	TATEMENT	BY A	APPLICANT	First Named Inventor	Daniel J. Arriola	
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	AY2*	US-5,270,276	12-14-1993	Job	
	AZ2*	US-5,270,410	12-14-1993	Job	
	AA3*	US-5,294,581	03-15-1994	Job	
	AB3*	US-5,543,458	08-06-1996	Hoxmeier et al.	
	AC3*	US-5,550,194	08-27-1996	Hoxmeier et al.	
	AD3*	US-5,693,713	12-02-1997	Hoxmeier et al.	

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Initials*	No.1	Cauntry Cade ³ -Number ⁴ -Kind Cade ⁵ (F known)	MM-DD-YYYY	Applicant of Cited Document	Or Relevant Figures Appear	T ⁶			
	BY	WO-90/12816-A1	11-01-1990	Shell Oil Co		Г			
	BZ	WO-91/00875-A1	01-24-1991	Shell Oil Co					
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Sheet	6	of	8	Attorney Docket Number	63558D	

		NON PATENT LITERATURE DOCUMENTS	
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	CA	LIEBER SuSANNA ET AL: "Propene polymeriztion with catalyst mixtures containing different ansa-zirconocenes:chain transfer to alkylaluminum cocatalystes and formation of steroblock polymers" MACROMOLECULES; MACROMOLECULES Dec 2000 ACS, Washington. DC. USA, vol 33, no. 25, December 2000 (2000-12), Pages 9192 - 9199	
	СВ	PRZYBYLA. FINK: "Two Different on the same silica supported metallocene catalystes, activated by various trialkylaluminums" ACTA POLYMERICA, vol. 50, 21 April 1999 (1999-04-21), pages73-83.	
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	CE	STARCK P ET AL "Thermal properites of ethylene/long chain alpha olefin copolymers produced by metallocences" JANUARY 2002 (2002-01), EUROPEAN POLYMERS JOURNAL, PERAMON PRESS, LONDON, GB, pages 97 - 107	
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	cG	BRUASETH I ET AL: "Crystallization analysis fractionation of ethene/1-hexene coployres madee with the MAO-activated dual -site (1,2,4- Me3Cp" October 2004 (2004-10), POLYMER, ELESEVIER SCIENCE PUBLISHERS B.V. GB. pages 7853 - 7861.	
	сн	GRAEF S M ET AL: "Copolymerization of propylene with higher alpha-olefins in the presence of the syndiospecific catalyste i -Pr (Cp) (9-Flu) 1 January 2002, J POLYM SCI PART A; JOURNAL OF POLYMER vol. 40, nr. Pages 128 - 140	
	СІ	ROSTHAUSER J W ET AL: "MECHANICAL AND DYNAMIC MECHANICAL PROPERTIES OF POLYURETHANE AND POLYURETHANE/POLYUREA ELASTOMERS BASED ON 4, 4-DIISOCYANATODICYCLOHEXYL METHANE" 2 May 1997 (1997-05-02) JOURNAL OF APPLIED POLYMER SCIENCE, JOHN WILEY AND SONS INC. NEW YORK, NY, US. pages 957-970	
	CJ	BASAK SHAM: " Zurcon Z20/Z22" 10 August 2002 (2002-08-10), BUSAK SHAMM BAN , CRISSER, the whole document	

Examiner	Date
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				Art Unit	1796	
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Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		
	ск	Coates, Hustad, and Reinartz in Angew, Chem. Int. Ed. 41, 2236-2257 (2002);			
	CL	Liu and Rytter, Macromolecular Rapid Comm. 22,952-956 (2001);			
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	cs	Lieber And Brintzinger (Macromol. 3, 9192 -9199 (2000);			
	СТ	Rytter, et al. Polymer, 45, 7853 -7861;			

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				Application Number	10/589,377-Conf. #7109	
11	VFORMATION	I DI	SCLOSURE	Filing Date	August 14, 2006	
l s	TATEMENT B	3Y /	APPLICANT	First Named Inventor	Daniel J. Arriola	
				Art Unit	1796	
	(Use as many she	eets as	necessary)	Examiner Name	J. S. Lenihan	
Sheet	8	of	8	Attorney Docket Number	63558D	

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	CU	JAC, 2004, 126, 10701 - 10712, Gibson et al	
	cv	Office Communication dated 13.05.2009 to Vereenigde from EPO; 2 pages	
	CW	Office Action dated 17.04.2008 to Vereenige from EPO; 3 pages.	
	сх	Response to Office Action dated January 19, 2009 from Vereenigde to EPO; regarding EPO office Action sent to Vereenigde dated April 17, 2008.	
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